

ABSTRACT OF THE DISCLOSURE

A conveyor transfer apparatus (100) conveys stacks of product (S1) on a multi-row conveyor (110) having a plurality of parallel, spaced-apart belts (112) toward a single-row conveyor (120) oriented transversely to the multi-row conveyor. When a stack is in a desired position, an elevator assembly (130) lifts the stack above the multi-row conveyor to a position near the single-row conveyor. The elevator assembly includes a plurality of elongate members (136) that are sized and spaced to move between adjacent belts of the multi-row conveyor. A pusher assembly (140) extends to push the lifted stack from the elevator assembly onto the single row conveyor. The elevator assembly and pusher assembly then retract until another stack is in position to be lifted. A plurality of elevator assemblies and pusher assemblies are arranged to engage particular rows of stacks.

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